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Date: November 18, 2003

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Pages: 10 (including coversheet)

Re: LEX-0046-USA

CC: File

App Serial Number: 09/671,050

Comments:

Pursuant to your request, please find attached a copy of the Sequence Listing as originally filed in the above-mentioned patent application. Please let me know if you need any further information.

SEQUENCE LISTING

<110> Donoho, Gregory
Turner, C. Alexander Jr.
Nehls, Michael
Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Human Kinase Proteins and
Polynucleotides Encoding the Same

<130> LEX-0046-USA

<150> US 60/156,511

<151> 1999-09-28

<160> 13

<170> FastSEQ for Windows Version 4.0

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<213> homo sapiens

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Pro Glu Asn Ile Leu Ile Thr Lys Gln Gly Ile Ile Lys Ile Cys Asp		
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Gln Leu Tyr Leu Ile Ile Arg Thr Leu Val Glu Thr Gly Phe Arg His		
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 50 55 60
 Asn Leu Ile Glu Val Phe Arg Arg Lys Arg Lys Met His Leu Val Phe
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 85 90 95
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 Val Ala Thr Arg Trp Tyr Arg Ala Pro Glu Leu Leu Val Gly Asp Thr
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Val Ala Thr Arg Trp Tyr Arg Ala Pro Glu Leu Leu Val Gly Asp Thr			
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Gln Leu Tyr Leu Ile Ile Arg Thr Leu Val Glu Thr Gly Phe Arg His			
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Val Asp Gln Ala Gly Leu Glu Leu Leu Thr Ser Ser Asp Pro Pro Ala			
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Val Ala Ser Gln Ser Ala Gly Ile Thr Gly Lys Leu Ile Pro Arg His			
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Gln S x Ile Ph Lys Ser Asn Gly Phe Phe His Gly Ile Ser Ile Pro			
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Lys	Lys	Phe	Val	Glu	Ser	Glu	Asp	Asp	Pro	Val	Val	Lys	Lys	Ile	Ala
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 210 215 220
 Gln Ser Ile Phe Lys Ser Asn Gly Phe Phe His Gly Ile Ser Ile Pro
 225 230 235 240
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 260 265 270
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